



Product Improvement to the Chemical Protective Patient Wrap

Program Description:

Natick Soldier Center at the request of the Army Office of the Surgeon General is developing an improved **Chemical Protective Patient Wrap**. Other services and international partners have also expressed interest in the program.

The original patient wrap was developed back in the late 1980's by Natick Soldier Center in conjunction with the U.S. Army Medical Material Agency, Ft. Detrick and the Academy of Health Sciences, Ft. Sam Houston. The system was designed to protect uncontaminated/decontaminated litter patients from chemical agent exposure during movement through a contaminated area from a treatment station to more definitive care.

The goal of this program is to modify the materials and design to reflect state-of-the-art technologies for chemical protection. Along with an improved patient wrap, reusable training wraps that are similar to the chemical protective wrap will be designed for medical personnel to use during training exercises focusing on care of chemical casualties.

The improved wrap will include:

- Six hours of protection against all known chemical agents.
- Improved lighter weight materials
- Updated closures for IV ports
- An interface for a blower system.

Point of Contact:

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